

Converting Colors

Hex(9DD8FA)

Have a look what the booklet for
Hex(9DD8FA) contains.

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Color

Hex(9DD8FA)

Conversions

Conversions Part 1

Format	Color
Hex	9DD8FA
RGB	157, 216, 250
RGB Percent	62%, 85%, 98%
CMY	0.3843, 0.1529, 0.0196
CMYK	0.37, 0.14, 0.00, 0.02
HSL	202°, 90%, 80%
HSV	202°, 37%, 98%
XYZ	55.7158, 63.1820, 99.7013
YIQ	202.2350, -46.0780, -1.9340

Conversions

Conversions Part 2

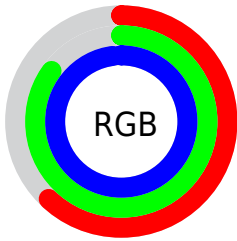
Format	Color
R _Y B	157, 193, 250
Decimal	10344698
CIE Lab	83.54, -10.59, -22.60
CIE LCh	84, 24.952, 244.894
Yxy	63.1820, 0.2549, 0.2890
Android (android.graphics.Color)	4288534778 (0xFF9DD8FA)
YUV	202.2350, 23.5481, -39.6711
Hunter-Lab	79.4871, -13.9843, -18.7270

Details

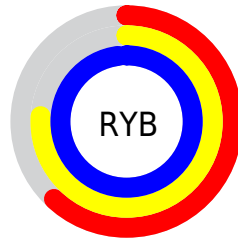
The Hex color **9DD8FA** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FABF9D**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D6FFFF**, and **66A1C1** is the 20% darker color. If you saturate the color by 10%, you get **84CFFA**, and if you desaturate by 10%, it is **B6E1FA**.

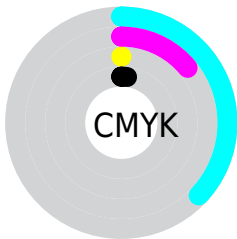
Distribution



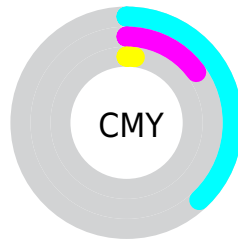
- Red (62%)
- Green (85%)
- Blue (98%)



- Red (62%)
- Yellow (76%)
- Blue (98%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (38%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DD8FA changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9DD8FA by changing the saturation by 10% instead.

 9DD8FA

 9DD8FA

FFFFFF

 81BCDD

 D6FFFF

 66A1C1

 F3FFFF

 4A87A6

 2D6E8C

 025572

 003E5A

 002842

 00152C

 000117

■ 9DD8FA

■ 9DD8FA

■ 84CFFA

■ B6E1FA

■ 6BC6FA

■ CFEAFA

■ 52BDFA

■ E8F3FA

■ 39B3FA

■ FFFDFA

■ 20AAFA

■ FFFFFA

■ 07A1FA

■ 009FFA

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8FDCEA



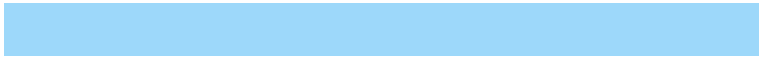
9DD8FA



BAD1FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9DD8FA



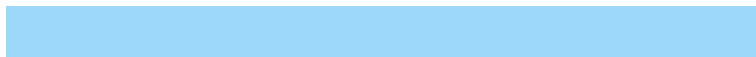
FFBFCD



C4D7A9

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9DD8FA



FABF9D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DED0A1



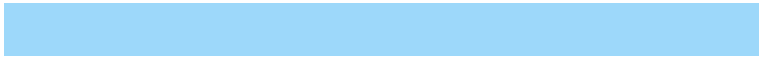
9DD8FA



FFC2B6

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9DD8FA



F2C2E5



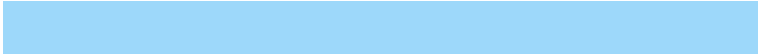
F3C8A6



AADCBC

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9DD8FA



CFCCFB



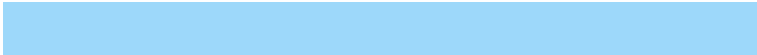
F3C8A6



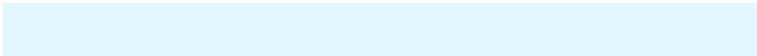
CDD5A5

Sweetspot

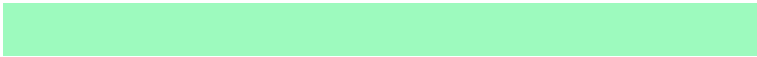
The Sweet Spot groups the original color and five complimentary colors.



9DD8FA



E3F5FF



9DFABE



6F7980



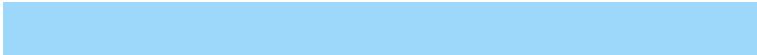
000000



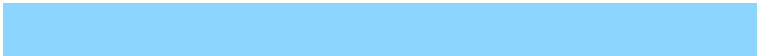
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9DD8FA



8CD5FF



9DABFA



70787D



0078BD



00273D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FA9DD8



FF8CD5



FAEC9D



7D7078



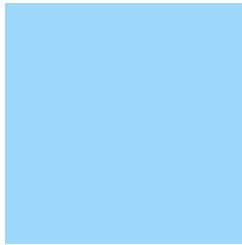
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 9DD8FA looks on a white background.

Color Contrast Check

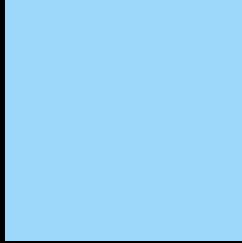
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9DD8FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9DD8FA Background



This preview shows how black text looks on a background with the Hex color 9DD8FA.

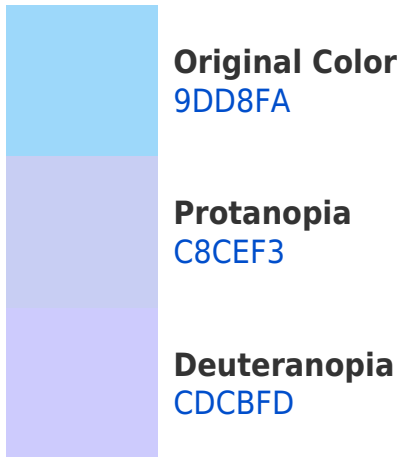


This preview shows how white text looks on a background with the Hex color 9DD8FA.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

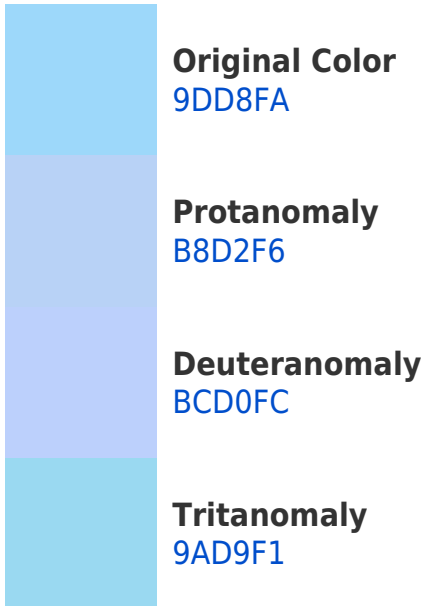
Dichromacy



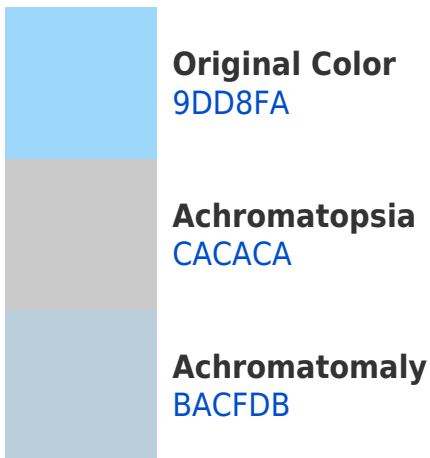


Tritanopia
99DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9DD8FA is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9DD8FA looks like.

```
.text, #text, p{  
    color:#9DD8FA  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9DD8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DD8FA
}
```

Border

The CSS property to change the border of an element to Hex 9DD8FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9DD8FA }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9DD8FA }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9DD8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DD8FA; -webkit-box-shadow:4px 4px  
4px 4px #9DD8FA; box-shadow:4px 4px 4px  
4px #9DD8FA }
```

Background

The CSS property to change the background color of an element to Hex 9DD8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DD8FA }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9DD8FA }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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